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ATI PRECISION FINISHING

Precision Finishing. Exceptional Quality. Legendary Service.

ATI Precision Finishing

ATI Precision Finishing is one of the nation's most experienced and expert processors of specialty metals. It is our one and only business -we manufacture no products of our own. What this means is that our company is totally dedicated to providing the highest quality processing of your metals, along with an exceptional level of customer service.

Since 1958, ATI Precision Finishing has built our business by providing the metals industry with an unsurpassed level of Quality Service. Our three modern facilities, located in Rochester, Monaca, and Zellenople, Pennsylvania provide the equipment and qualified personnel which enable us to process virtually anything from metal ingots to finished products.

Featured Services

Service	Details
FaroArm	ATI Precision Finishing has a FaroArm Quantum measurement arm used to accurately scan surface measurements of a variety of materials.
Waterjet	ATI Precision Finishing has one Flow International dual bridge waterjet cutting machine with a cutting bed size of 118" by 380".
NDT	ATI Precision Finishing has 4 Immersion Ultrasonic Tanks used for non-destructive testing (NDT) to various MIL, AMS, and ASTM specifications.



ATI Precision Finishing can work with both large pieces and high volume. However, no job is too small or exacting. We pride ourselves on meeting or surpassing our customers' most demanding requirements on the toughest, most difficult to work alloys. In fact, we specialize in the processing of titanium, zirconium, nickel and cobalt-based superalloys, as well as many more common stainless and tool steels.

ATI Precision Finishing success is proof that specialization does not limit our capabilities.

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ATI BUSINESS UNITS

ATI's business units produce Mission Critical Metallics® in long and flat-rolled products forms; highly engineered forged, cast, machined and fabricated components; and cutting tools.



Business Units

ATI Allegheny Ludlum

- Stainless steel
- Grain-oriented electrical steel (GOES)
- Titanium
- Nickel alloys

ATI Allegheny Ludlum is a world leader in the technology, production and marketing of specialty materials: stainless steels, grain-oriented electrical steels, titanium, and nickel alloys, as well as other advanced alloys. ATI Allegheny Ludlum serves customers in diversified consumer and capital goods markets in more than 30 nations. Our predecessor companies led the commercialization of stainless steel in the United States in the early 20th century, and ATI Allegheny Ludlum has been an innovative leader in specialty metals ever since.

ATI Allvac

- Aerospace alloys
- Nickel- & cobalt-based superalloys
- Titanium alloys
- Specialty steels

ATI Allvac is a world leader in the production of nickel-base and cobalt-based superalloys, titanium-based

alloys, and specialty steels for the aerospace industry ... metals of exceptional wear resistance, corrosion resistance, heat resistance, toughness, and strength. One of our predecessor companies, Allvac Metals Company, commercialized vacuum induction melting, a key technology for manufacturing aerospace-quality nickel-base alloys.

ATI Wah Chang

Zirconium Alloys
Specialty metals for energy production
Exotic alloys (hafnium, tantalum, tungsten & vanadium)
Corrosion research & education

ATI Wah Chang is one of the world's largest manufacturers of specialty metals and chemicals used in energy production, chemical and mineral processing, aerospace, medical, research and consumer products. ATI Wah Chang materials include hafnium, niobium, titanium, tantalum, tungsten, vanadium, and zirconium. ATI Wah Chang is a leader in corrosion research and education, providing a wide variety laboratory, technical and educational services.

ATI Ladish Forging

Highly-engineered forgings

ATI Ladish Forging supplies highly engineered forgings primarily to the aerospace industry. ATI Ladish Forging specializes in large forgings in standard and complex shapes. The operation maintains concurrent engineering and new product development support. ATI Ladish Forging has many of the largest forging resources in the world and serves a wide range of international customers.

ATI Chen-Tech Forging

Hot-die forgings

ATI Chen-Tech Forging specializes in hot-die forging technologies. We produce near-net forgings in a wide range of aerospace-grade materials. Our core competence is in aero-engine components for advanced systems. A full-service operation, ATI Chen-Tech

Forging provides engineering support, die manufacturing, heat treat, machining, and ultrasonic testing services.

ATI Pacific Cast Technologies

Titanium investment castings

ATI Pacific Cast Technologies supplies commercial, military and aerospace OEMs with airframe, launch vehicle, and turbine engine structural components. Specializing in investment cast titanium parts exclusively, ATI Pacific Cast Technologies has developed a fast, reliable process for manufacturing the industry's most advanced, complex, large-scale, near-net-shape castings.

ATI ZKM Forging

Forgings

ATI ZKM Forging, located in Stalowa Wola, Poland, has become one of Central Europe's largest suppliers of forgings. Customers around the world rely on ATI ZKM Forging for the durable, highly engineered parts they need for a wide range of demanding industrial applications. ATI ZKM Forging operates 11 press lines and 11 hammer lines with an overall annual production capacity of more than 33,000 tons. In addition to extensive aerospace and general industrial forging capabilities, ATI ZKM Forging provides heat treating, rough machining and nondestructive testing services for customers of its forged products.

ATI Stellram

Cutting tools

ATI Stellram is a leading manufacturer and distributor of world class cutting tools in turning, milling, drilling, threading, and grooving for metalworking industries, with a focus on tools for working high-performance metals such as titanium and nickel-based steel alloys. ATI Stellram firsts include the first use of screw fixation to attach inserts to tool bodies; the development of Posicut®, a design that changed the cutting tool

industry by permitting closer pitches, and one of the first uses of composite substrates.

ATI Firth Sterling

- Standard and engineered carbide products
- Tungsten heavy alloy components
- Radiation shielding
- Aircraft counterbalances
- Well logging equipment
- High stiffness tooling

ATI Firth Sterling is a leader in manufacturing rough mold, semi-finished and finished cemented tungsten carbide and tungsten heavy alloy components. Our products serve a wide range of industries including aerospace, medical, oil/gas and power generation.

ATI Portland Forge

- Carbon and alloy steel forgings
- Closed-die forging, machining, heat-treating and fabrication

ATI Portland Forge produces forgings of high quality carbon and alloy steel ranging from 1 to 200 pounds in more than 150 different carbon and alloy steel grades. In addition, ATI Portland Forge has recently been certified to provide closed-die forging, machining, heat-treating and fabrication for aerospace.

ATI Casting Service

- High-quality ductile and gray iron castings

ATI Casting Service produces high quality ferrous castings ranging from 500 to 200,000 pounds, in all grades of ductile and gray iron. ATI Casting Service has the capacity to mold and pour large castings such as 16 -cylinder diesel locomotive engine blocks, automotive stamping dies, printing presses and machine tool frames.

ATI Powder Metals

- Superalloy powder metal components

ATI Powder Metals is the best choice for developing a new powder metal solution through production. ATI Powder Metals is the industry's only powder metal manufacturer that is completely integrated, from

atomization through hot isostatic pressing (HIP). Through a full range of atomizer capacities, ATI Powder Metal can produce alloy in heat sizes from one pound up to 8,000 lb in the world's largest vacuum induction melt (VIM) inert gas atomizer. The ATI Powder Metal process maintains powder cleanliness from start to finish to assure optimal quality.

ATI Fabricated Components

Fabricated components for aerospace, defense and industry

ATI Fabricated Components provides a full line of fabrication services, including machining, welding, cutting and forming and metallurgy. Our fabrication systems and the ATI cutting tools we use are optimized to meet the demanding requirements of the aerospace, defense and other industries. Our people are skilled and experienced in working with titanium alloys, superalloys, specialty steels and other high-performance materials. And our operation draws on ATI's integrated, secure supply chain to bring quality, material flexibility and optimized manufacturing to every project.

ATI Precision Finishing

Precision finishing services for Aerospace, Defense, and Industry.

ATI Precision Finishing specializes in the processing of titanium, zirconium, nickel and cobalt-based superalloys, as well as many more common stainless and tool steels. ATI Precision Finishing can work with both large pieces and high volume. Services include surface grinding, precision grinding and polishing, abrasive cutting and shearing, bandsaw cutting, grit blasting, ultrasonic and dye penetrate testing, and vacuum creep flattening.

ATI Ladish Machining

Aerospace machining and subassembly

Aerospace precision machining

ATI Ladish Machining supplies aerospace-quality machining and subassembly services, primarily to

helicopter and defense OEMs. It specializes in the rough and finish machining of components in a broad range of sizes and shapes. ATI Ladish Machining also specializes in performing finish machining operations on large and small, standard and complex components, and also maintains a special unit to support customers' developmental work.

ATI Valley Machining

Aerospace sonic configuration machining

ATI Valley Machining supplies aerospace-quality sonic-configuration machining services. The company specializes in material preparation and rough and finish machining on components in a wide variety of sizes and shapes. ATI Valley Machining has more than two dozen major machine tools that serve an extensive range of customer requirements for precision machining. In addition, ATI Valley Machining is committed to rapid manufacturing to support fast turn times and reliable delivery.

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HISTORY

For more than 100 years, ATI has been providing growing, global markets with the specialty metals needed for critical applications.

History

ATI's earliest ancestor, Pompton Furnace, first poured iron into its furnace in the 1750s in New Jersey; Pompton Furnace also manufactured the hand-forged chain links to block the Hudson River during the Revolutionary War.

1900s

In 1901, Allegheny Steel & Iron, an ATI ancestor, was incorporated and headquartered in Western Pennsylvania.

1910s

In 1910, an ATI ancestor was the first company to use the electric furnace in manufacturing alloys.

1920s

In the 1920s ATI (Allegheny Steel Company) first commercialized stainless in the United States. We received our first patent award for stainless in 1924.

In 1927, our stainless was used to build the Chrysler building, an icon of the New York City skyline.

In 1929, our stainless was used for trim on the Ford Model A automobile – ATI's specialty alloys are still featured on many automobiles.

1930s

In 1938, two great Western Pennsylvania companies combined to form Allegheny Ludlum (Steel Corporation) - Allegheny Steel Company and Ludlum Steel Company.

1940s

ATI pioneered the development of specialty alloys that are critical for use in jet engine applications. Our alloys were used for the jet engines of America's first jet fighters in the early 1940s.

ATI pioneered the development of advanced alloys for use in large natural gas turbines. Our specialty metals were used in late 1940s for

station for the Oklahoma Gas & Electric Company.

ATI, an innovator in the development of high performance titanium alloys, has been a leader in developing technologies for titanium for the aerospace and defense market since the late 1940s.

1950s

In 1955, ATI first commercialized superalloys melted by a consumable electrode vacuum remelt process. In the mid-1950s, ATI's alloys were used in the Boeing 707, the United States' first commercial jet airplane.

In 1956, ATI invests in major expansion of its research facility in Western Pennsylvania.

In 1957s, ATI first commercialized vacuum induction melting, a key technology for manufacturing aerospace quality nickel-base alloys. ATI is a pioneer in the specialty metals necessary for the nuclear electrical power generation industry. Our zirconium products (ATI was the first industrialized producer of zirconium) were used in the late 1950s for the nation's first full-scale commercial power plant, built in Shippingport, PA.

1960s

In 1960, Teledyne, Inc. was founded. In only six years after its inception, Teledyne made its way to #293 on the Fortune 500 list.

In the early 1960s ATI developed Vasco Supreme, the first super-hard, high-speed steel that revolutionized many industrialized metalworking processes.

In 1965, ATI's titanium and nickel-based superalloy, Rene® 41, were used for the structure and reentry heat shield for the Gemini 4 spacecraft, whose flight included the first American spacewalk.

1970s

In the 1970s, ATI developed the manufacturing process for 3-2.5 Titanium alloy, used for aircraft hydraulic tubing. ATI's titanium was used for the hydraulic control system of the Concorde supersonic transport (SST). In the early 1970s our zirconium was used in the first large high-pressure, high-speed centrifugal pump for an acetic acid facility for the chemical processing industry.

1980s

In 1984, ATI's AL 29-4C® alloy becomes patented; this alloy is used in high-efficiency gas furnaces.

In the late 1980s, ATI's AL-6XN® alloy was used for the first high-strength, durable firewalls for an offshore oil facility in the North Sea.

1990s

In 1996, two industry leading companies (Allegheny Ludlum and Teledyne, Inc.) combine to form Allegheny Teledyne Incorporated.

In 1999, Allegheny Technologies Incorporated (ATI) is created when Allegheny Teledyne completes a major transformation and reconfiguration of the company.

2000s

In 2006, our proprietary ATI 2003® Lean Duplex Alloy was in a subsea flow line system for the Kikeh Field Development Project, offshore Sabah, East Malaysia.

In 2007, ATI 2003® Lean Duplex Alloy was used for the largest stainless roof in the world. The roof is for the New Doha International Airport in Qatar.

In early 2008 our proprietary ATI 425® Alloy was used on the Phoenix Mars Lander. One of the key tasks assigned the Lander is to help determine whether microbial life ever existed on Mars.

portfolio through the purchase of the assets of Crucible Compaction Metals and Crucible Research.

2010s

In 2010, UNITI, an ATI and VSMPO joint venture, was chosen to supply titanium for the world's largest seawater desalination plant in Ras Az Zawr, Saudi Arabia. The plant's daily potable water output will be the largest in the world, sufficient to meet the needs of 3.5 million people.

In 2011, through the acquisition of Ladish, ATI added highly engineered forged, cast and machined components to its product portfolio.

In 2011, ATI added titanium and other high-performance metal fabrication capabilities in Bolingbrook, IL. Products include kits, sub assemblies, assemblies and machined components.

Today our products continue to play a fundamental role in the performance of many of modern society's most complex and technically demanding products. Whether our products are incorporated into the airframes or engines of commercial aircraft, the armor protection of land-based defense vehicles, the generation and transmission of sustainable electrical energy, the discovery of oil and gas reserves, the strength and endurance of medical implants and equipment - ATI's products share the same daunting performance requirements.

**2012 Malibu LS**

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\$179/MONTH FOR 24 MONTHS WITH \$1,559 DUE AT SIGNING*
No security deposit required. Tax, title, license and dealer fees extra.
Mileage charge of \$.20/mile over 24,000 miles.
* Example based on survey. Each dealer sets their own price. Your payments may be for a 2012 Malibu LS and an MSRP of \$22,870. 24 monthly payments total \$4,290. 0 cents end for an amount to be determined at lease signing. Ally Financial Inc. must charge of \$.20/mile over 24,000 miles. Lessee pays for excess wear. Not available. Residents/restrictions apply. Take delivery by 4/30/12.

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Monaca metal plant ready to serve aerospace, chemical plant needs

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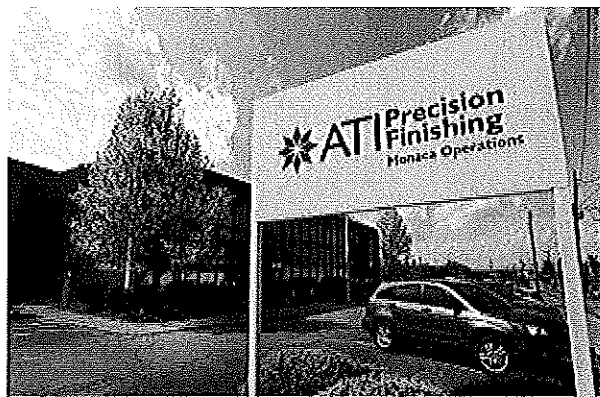


Photo by The Times' Sylvester Washington Jr.

ATI Precision Finishing

ATI Precision Finishing in Monaca has undergone significant expansion over the past 10 years.

Posted: Saturday, March 31, 2012 10:00 pm | Updated: 9:22 pm, Sat Mar 31, 2012.

By Patrick O'Shea po'shea@timesonline.com | 0 comments

MONACA — A metal processing plant in Monaca that has tripled its size and staffing in the last 10 years is poised to serve petrochemical factories that could come to Beaver County, officials for ATI Precision Finishing said Wednesday.

Dan Greenfield, spokesman for parent company Allegheny Technologies Inc. in Pittsburgh, said the largest portion of the Monaca plant's clientele is in the aerospace and oil and gas chemical processing industries.

Noting the attention that has been placed on the region since Shell Oil Co. announced plans to investigate locating an ethane-processing plant, called a cracker, at the Horsehead Corp. property in Potter and Center



ATI Precision Finishing

ATI Precision Finishing, which has been at 2060 Pennsylvania Ave. since 1998, has a 90,000-square-foot manufacturing facility in Monaca, including a 30,000-square-foot building that opened in 2007.

Ten years ago, it had 30 employees, but it now has close to 90 workers, ATI Precision Finishing President Harry Turic said.

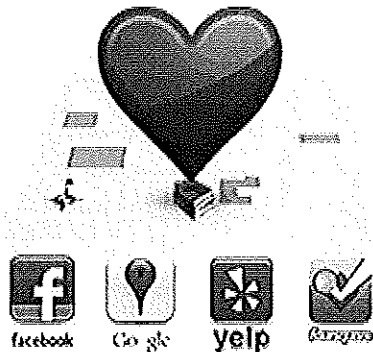
townships, Greenfield said that facility or others associated with it would not necessarily use ATI products, "but they could."

ATI already is one of the largest industrial employers in western Pennsylvania, doing more than \$5 billion in business in 2011, and company officials said they believe no one else in the world uses the technology available at ATI Precision Finishing.

The Monaca plant grinds and cuts intermediate titanium products into plates and bars that are used in everything from platforms and pipelines to airplane parts.

"(The material) comes in dull and they make it shiny," Greenfield said. Most of the material comes from ATI's titanium mill in Washington County, according to Paul Matsukas, manager for the Monaca and Rochester plants.

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Workers use equipment such as water-jet cutters to shape the material to precise measurements, he said. Matsukas said each metal piece is tested using sound waves to make sure there are no defects.

The finished product then is shipped nationally and internationally directly from the local plant, Harry Turic, ATI Precision Finishing president, said. A recent load of aerospace material was headed to France.

Greenfield said there are no additional expansion plans at the Monaca plant right now, "but we're always looking."

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Posted in Business, Local news, Technology on Saturday, March 31, 2012 10:00 pm. Updated: 9:22 pm.

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RELIABLE, SECURE SUPPLY CHAIN

Get what you need, when and where you need it. Our dependable supply chain uses multiple, parallel sources in the US and UK for primary production and fabrication of titanium, zirconium and other specialty metal products.

Mission Critical Metallics®

Allegheny Technologies Incorporated (ATI) is one of the largest and most diversified specialty metals producers in the world with revenues of \$5.2 billion for 2011. ATI has approximately 11,400 full-time employees worldwide who use innovative technologies to offer growing global markets a wide range of specialty metals solutions.

Our major markets are aerospace and defense, chemical process industry/oil and gas, electrical energy, medical, automotive, food equipment and appliance, machine and cutting tools, and construction and mining.

Our products include titanium and titanium alloys, nickel-based alloys and superalloys, grain-oriented electrical steel, stainless and specialty steels, zirconium, hafnium, niobium, tungsten materials, forgings, castings, and fabrication and machining capabilities.

ATI's customers depend on its reliable, secure supply chain that can source metallics worldwide for building aircraft, jet engines, offshore oil rigs, refineries, power plants, electronic devices, cars, military vehicles, industrial equipment, medical products, and other highly-engineered and technically-complex products and systems.

ATI Markets

We focus our advanced specialty metals technology, unsurpassed manufacturing capabilities, and innovative products to serve global markets with highly diversified product offerings ... [Learn More >](#)

Aerospace

ATI Aerospace integrates ATI's historic aerospace capabilities to offer our aerospace customers a variety of proven metallic and manufacturing resources needed to make commercial and military aircraft... [Learn More >](#)

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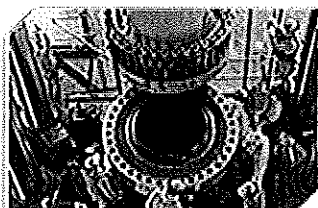
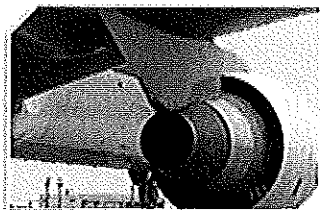
**Wednesday -- April 25, 2012
(1:00pm EST)**

ATI will provide live Internet listening access to its Q1 2012 Earnings Conference Call.



ALLEGHENY TECHNOLOGIES (NYSE: ATI)

Last Trade:	41.95
Trade Time:	12:10 PM EDT
Change:	↑ 1.62 (4.02%)
Prev Close:	40.33
Open:	40.95

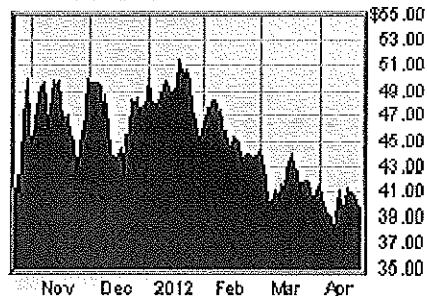


Oil & Gas

As the world's leading specialty metals company, we offer the broadest array of high-strength, corrosion-resistant materials and cutting tools for even the most challenging oil & gas environments... [Learn More >](#)

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